

*Page 1, paragraph beginning at line 22:*

--SUMMARY OF THE INVENTION

In view thereof, the present invention seeks to prevent the destruction of protective circuitry by disconnecting the power supply or battery charger when the current or voltage is unacceptably high.--

*Page 2, paragraph beginning at line 28:*

--BRIEF DESCRIPTION OF THE DRAWINGS

An example of the invention is shown in the following drawings:--

*Page 3, paragraph beginning at line 1:*

--DESCRIPTION OF THE PREFERRED EMBODIMENTS

The components of the protective arrangement are mounted on a printed circuit board 1 made of an appropriate synthetic material such as epoxy resin. Circuit board 1 has four current paths 2, 2', 3, 3' which have solder surfaces 4, 4', 5, 5'. Solder surface 4 is for connection to the negative terminal of the power supply or battery charger. Solder surface 4' is for connection to the negative terminal of the electronic appliance circuitry. Correspondingly, solder surfaces 5, 5' are connected to the positive sides of the power supply or battery charger and of the electronic appliance circuitry, respectively. The other ends of current paths 2, 2', 3, 3' have solder surfaces 6, 6', 7, 7'. The surfaces of each pair are spaced apart and positioned beneath connecting points 9, 10 of the protective element, for example a diode 8 which may comprise a suppressor diode. Connecting points 9, 10 of diode 8 are soldered to solder surfaces 6, 6', 7, 7' to enable current flow from current paths 2, 2' and 3, 3' via connecting points 9, 10. The solder for diode 8 is a soft solder that is chosen so that it melts at a preselected temperature.--